

STANDARD FORM NO. 64

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# Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 29 September 1958

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FROM :

[Redacted]

[Redacted]

SUBJECT: Trip Report, RD-107, Task Order 8

1. A visit was made to [Redacted] facilities of [Redacted], on 25 September 1958, to monitor progress on subject contract. Present at the discussions were:

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[Redacted]

2. Work has been delayed on this task due to contractual difficulties. The contract was signed and accepted 30 June 1958, but work did not get underway until 28 August 1958. Since August, [Redacted] has been preparing the laboratory equipment which will be employed in making the lead-telluride ingots to be used as the thermo-negative element in the thermocouple generator. After these lead-telluride elements have been made, they will be combined with zinc-antimonide to form the thermocouples. This combination of semiconductors is expected to give an efficiency of about  $3\frac{1}{2}\%$  with a temperature difference of about 300 degrees Centigrade.

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3. [Redacted] stated that he may still be able to meet the original completion date of the contract which is 30 January 1959. He will know for sure by the middle of November, at which time the contractor will request an extension, if one is considered necessary.

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[Redacted]

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